

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Atty Dkt. 179-54

C# M#

CLARK et al

T.C. / Art Unit: 1639

Serial No. 10/020,436

Examiner: T.D. Wessendorf

Filed: December 18, 2003

Date: June 7, 2004

Title: A METHOD FOR MAPPING ACTIVE SITES BOUND BY ENZYMES THAT COVALENTLY MODIFY SUBSTRATE MOLECULES

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

AMENDMENT UNDER 37 CFR §1.111

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

Correspondence Address Indication Form Attached.

Fees are attached as calculated below:

Total effective claims after amendment	16	minus highest number			
previously paid for	20	(at least 20) =	0	x	\$ 18.00

\$ 0.00

Independent claims after amendment	1	minus highest number			
previously paid for	3	(at least 3) =	0	x	\$ 86.00

\$ 0.00

If proper multiple dependent claims now added for first time, add \$290.00 (ignore improper)

\$ 0.00

Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$420.00/2 months; \$950.00/3 months)

\$ 950.00

Terminal disclaimer enclosed, add \$ 110.00

\$ 0.00

First/second submission after Final Rejection pursuant to 37 CFR 1.129(a) (\$770.00)

\$ 0.00

Please enter the previously unentered , filed

Submission attached

Subtotal \$ 950.00

If "small entity," then enter half (1/2) of subtotal and subtract

-\$ 0.00

Applicant claims "small entity" status. Statement filed herewith

Rule 56 Information Disclosure Statement Filing Fee (\$180.00)

\$ 180.00

Assignment Recording Fee (\$40.00)

\$ 0.00

Other: **FIGURES 4-17, ABSTRACT OF THE DISCLOSURE, MARKED-UP AND SUBSTITUTE COPY OF THE SPECIFICATION, INFORMATION DISCLOSURE STATEMENT ALONG WITH FORM PTO-1449 AND REFERENCES**

TOTAL FEE ENCLOSED \$ 1130.00

The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

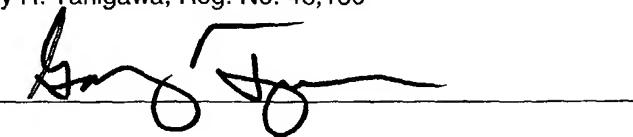
1100 North Glebe Road, 8th Floor

NIXON & VANDERHYE P.C.

Arlington, Virginia 22201-4714

By Atty: Gary R. Tanigawa, Reg. No. 43,180

Telephone: (703) 816-4000



Facsimile: (703) 816-4100

Signature:

GRT:ap



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

CLARK et al.

Appln. No. 10/020,436

Filed: December 18, 2001

Confirmation No.: 1671

Atty. Ref.: 179-54

T.C. / Art Unit: 1639

Examiner: T.D. Wessendorf

FOR: A METHOD FOR MAPPING THE ACTIVE SITES BOUND BY ENZYMES THAT COVALENTLY MODIFY SUBSTRATE MOLECULES

* * *

AMENDMENT UNDER 37 CFR § 1.111

June 7, 2004

Mail Stop Amendment

U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the pending Office Action (Paper No. 11) mailed December 5, 2003, entry and consideration of the following amendments and remarks are respectfully requested.

Amended portions of the **specification** are presented on page 2-18.

The Abstract of the Disclosure is attached.

Marked-up and clean copies of the substitute specification are attached.

Additional drawings (Figures 4-17) are attached.

The **claims** are presented on pages 19-21.

Claims 1 and 12 are amended.

Claims 11 and 13-15 are canceled without prejudice or disclaimer.

Claim 17 is added.

Remarks begin on page 22.